AMSAT News Service Weekly Bulletins
Issue: ANS-109
Date: 1992-04-18
Sources: amsat-ans-1992-ans-109.01.txt

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================================================================
|               Relayed from AMSAT BBS  NETWORK                |
|                N8EMR's Ham BBS, 614-895-2553                 |
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SB SAT @ AMSAT $ANS-109.01
RUDAK TALKING AGAIN

HR AMSAT NEWS SERVICE BULLETIN 109.01 FROM AMSAT HQ
SILVER SPRING, MD APRIL 18, 1992   BID:$ANS-109.01
TO ALL RADIO AMATEURS BT

RUDAK transmitting Telemetry and FM Digital Voice

RUDAK is again talking!!
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RUDAK-II on AO-21 is now running an automated TEST SCHEDULE. For 3 minute segments, digital sound will be transmitted, including the SPUTNIK-1 beacon, which can make listening to AO-21 a little bit easier especially for demonstrations and for those who can't decode the 400 Bit/s PSK Telemetry.

The command stations are quite optimistic, since this time, the RUDAK Beacon did not just turned completely OFF after 12-16 hours as was the case in the past two RESETs. Any telemetry reports and observations are much welcomed. The command stations would especially like to know the last time heard, if the Beacon switches off once again. Send any report to DG2CV and DB2OS via UO-22.

The following was downloaded from UO-22:

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K  HI, THIS IS AMSAT OSCAR 21 / RM1 / RS14   92-04-14 08:58:58

   RUDAK II - TEST SCHEDULE:
   UTC [Min. MOD 5]         BEACON MODE
          0,1,2          FM DIGITAL SOUND GENERATION
           3,4           PSK TELEMETRY, KLMNY-BLOCKS

73 de DG2CV              DOWNLINK FOR ALL MODES 145.987


L  TCMD-HISTORY (TEXT):                      92-04-14 08:59:09
M  TCMD-HISTORY (BIN),        COUNT:         92-04-14 08:59:21
N  GENERAL TELEMETRY (BIN),   COUNT:         92-04-14 08:59:32

Y  HI, THIS IS AMSAT OSCAR 21 / RM1 / RS14   92-04-14 08:59:43

    VOLTAGES     RM1-TCMD-INTERFACE   LOCK     MEMORY ERRORS
 5V-R1 : 0.11 V    1-TX-ON   :  ON    RX2: *     SINGLE: 90
 5V-RTX: 5.16 V    2-RX12&48: OFF    RX3: -     MULTI : 175
 5V-RAM: 0.09 V    3-RNG     :  ON      AGC
  TOTAL CURRENT    4-SOFT: 14.0 V    RX3: 146   TEMPERATURE
 14V-I :  295 mA                     RX4: 209    22.7 deg C
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[ANS thanks Bruce Rahn, WB9ANQ, for this bulletin item.]

/EX

SB SAT @ AMSAT $ANS-109.02
AO-13 OPS NET SCHEDULE

HR AMSAT NEWS SERVICE BULLETIN 109.02 FROM AMSAT HQ
SILVER SPRING, MD APRIL 18, 1992 BID:$ANS-109.02
TO ALL RADIO AMATEURS BT

AMSAT-NA Operations Net Schedule

AMSAT Operations Nets are planned for the following times. Mod Nets are conducted on AO-13 on a downlink frequency of 145.950 MHz and Mode J/L Nets on a downlink of 435.970 MHz.

Date	UTC	Mode	Phs	NCS	Alt
26-Apr-92	0050	B	137	WA5ZIB	WB6LLO
3-May-92	0200	B	85	W9ODI	N7NQM
9-May-92	2300	B	192	N7NQM	WA5ZIB

Guest commentators are planned. Join the Net if you have questions. In the unlikely event that either the Net Control Station (NCS) or the alternate do not call up frequency, any participant is invited to act as NCS.

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Slow Scan Television on AO-13

Mode B downlink of 145.925 MHz at MA 135 on UTC Sundays. Also try Mode J downlink of 435.980 MHz at MA 135 on UTC Saturdays.

/EX
SB SAT @ AMSAT $ANS-109.03
SPRING AO-13 TRANSPONDER SCHED

HR AMSAT NEWS SERVICE BULLETIN 109.03 FROM AMSAT HQ
SILVER SPRING, MD APRIL 18, 1992 BID:$ANS-109.03
TO ALL RADIO AMATEURS BT

AO-13 Spring Schedule Announced

The new spring schedule for AO-13 is announced as the following:

QST de G3RUH/DB2OS 16Jan92 ** AO-13 Transponder Schedule **
experimental schedule Mar 16 - Jun 08 in response to feedback.
Mode-B : MA 000 to MA 100 ! Mode-JL ON Mon, Wed !
Mode-JL : MA 100 to MA 120 ! Fri and Sat UTC only. ! Blon/Blat
Mode-LS : MA 120 to MA 135 ! S Beacon on "L" days ! 180/0
Mode-JL : MA 135 to MA 150 ! S Transp on "B" days +-----------
Mode-B : MA 150 to MA 256 ! See AMSAT-Journals and Packet
Omnis : MA 240 to MA 030 ! Radio Bulletins for full details.

AO-10 is currently available for Mode B operation when it is view of your QTH. PLEASE DO NOT attempt to use AO-10 if you hear the beacon or the transponder signals FMing.

/EX
SB SAT @ AMSAT $ANS-109.04
AO-16 EXPERIMENTER'S DAY

HR AMSAT NEWS SERVICE BULLETIN 109.04 FROM AMSAT HQ
SILVER SPRING, MD APRIL 18, 1992 BID:$ANS-109.04
TO ALL RADIO AMATEURS BT

AO-16 Experimenter's Day Schedule

The AO-16 Command Team has announced the following PACSAT Experimenter's Day schedule for April and May:

DATE	START TIME	END TIME	MODE
22 Apr	0320 UTC - 22 Apr	0250 UTC - 23 Apr	RCO
29 Apr	0640 UTC - 29 Apr	0610 UTC - 30 Apr	RCO
06 May	2035 UTC - 05 May	2145 UTC - 06 May	RCO
13 May	0455 UTC - 13 May	0425 UTC - 14 May	RCO
20 May	0310 UTC - 20 May	0245 UTC - 21 May	RCO
27 May	0625 UTC - 27 May	0600 UTC - 28 May	RCO

RCO: Raised Cosine Only, No S-Band.

QRP operations are encouraged on Experimenter's Day. Uplink power should be limited to 20 watts EIRP. If you are using your AO-10/13 beams, this means you must crank your power back to about as low as it will probably go, no more than 2 watts. And don't forget to turn off your amplifier!

While Experimenter's Day operations are scheduled to be conducted weekly, users are reminded that these operations may be shortened or canceled to allow uploading of improved spacecraft software. Watch for bulletins on the AO-16 BBS and/or the telemetry text frame for changes to the schedule.

[ANS thanks Bruce Rahn, WB9ANQ, for this bulletin item.]

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